

DOCKET NO. 522-1748

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE THE APPLICATION OF )

Luc Cremers et al. )

SERIAL NO.: To be assigned )

FILED: Herewith )

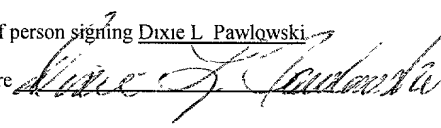
FOR: A Computer-Aided Engineering Method )  
and Apparatus for Predicting a Quantitative )  
Value of a Physical Property at a Point )  
from Waves Generated by or Scattered )  
from a Body )

) Examiner: Unknown

) Group Art Unit No.

)  
I hereby certify that this correspondence is being deposited with the  
United States Postal Service as first class mail in an envelope  
addressed to "Director of Patents and Trademarks, Washington,  
D.C. 20231, Box "New Patent Application" on July 3, 2001

Name of person signing Dixie L. Pawlowski

Signature 

**AMENDMENT ACCOMPANYING APPLICATION**

Honorable Director of Patents  
and Trademarks  
Washington, D.C. 20231

Dear Sir:

Before calculation of the filing fee for this application, it is requested that the application  
be amended as follows:

**In the Claims**

Amend claims 9-11 and 15 as follows:

9. (Amended) A processing engine adapted to carry out the method of claim 1.
10. (Amended) A computer program product for executing on a computer, the computer  
program product executing any of the method steps of claim 1 when executed on the  
computer.

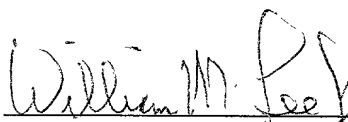
11. (Amended) A method of inputting at a near terminal a representation of a body and coordinates of a reference point and transmitting these to a remote terminal running a program for executing the method of claim 1, and receiving at a near location an output of any of the methods.
15. (Amended) The computer system according to claim 13, wherein the Wave Transfer Vector is an Acoustic Transfer Vector, further comprising: means for computing a Modal Acoustic Transfer Vector (MATV) from an acoustic transfer vector (ATV) in an alternative coordinate system defined by a set of deformed shapes by a body by projecting the ATV into the modal space.

### REMARKS

The above amendments are being made in order to eliminate multiple dependency before calculation of the application filing fee.

July 3, 2001

Respectfully submitted,



William M. Lee, Jr.  
Registration No. 26,935  
Lee, Mann, Smith, McWilliams,  
Sweeney & Ohlson  
P.O. Box 2786  
Chicago, Illinois 60690-2786  
(312) 368-6620  
(312) 368-0034 (fax)

**Version with Markings to Show Changes Made**

9. (Amended) A processing engine adapted to carry out [any of] the[methods] method of claim 1 [to 8].
10. (Amended) A computer program product for executing on a computer, the computer program product executing any of the method steps of claim 1 [to 8] when executed on the computer.
11. (Amended) A method of inputting at a near terminal a representation of a body and coordinates of a reference point and transmitting these to a remote terminal running a program for executing [any of] the [methods] method of claim 1 [to 8], and receiving at a near location an output of any of the methods.
15. (Amended) The computer system according to claim 13 [or 14], wherein the Wave Transfer Vector is an Acoustic Transfer Vector, further comprising: means for computing a Modal Acoustic Transfer Vector (MATV) from an acoustic transfer vector (ATV) in an alternative coordinate system defined by a set of deformed shapes by a body by projecting the ATV into the modal space.